

# U.S. EPA Science Advisory Board Environmental Health Committee FY 2004 Member Biosketches

## Environmental Health Committee

### Anderson, Henry

#### Wisconsin Division of Public Health

Dr. Anderson received his MD degree in 1972 from the University of Wisconsin Madison. He was certified in 1977 by the American Board of Preventive Medicine with a sub-specialty in occupational and environmental medicine and in 1983 became a fellow of the American College of Epidemiology. In 1980 he joined the Wisconsin Department of Health and Social Services as the State Environmental and Occupational Disease Epidemiologist. In 1991 he also assumed the duties of Chief Medical Officer. He holds adjunct Professorships at the University of Wisconsin - Madison, Department of Population Health and the UW Institute for Environmental Studies, Center for Human Studies. He was a member of the USEPA Science Advisory Board from 1996 to 2003 serving as a member and then chair of the Integrated Human Exposures Committee, chair of the Environmental Health Committee, served on the Executive Committee and was the chair of the EC Policy and Procedures Subcommittee. He has published on a broad spectrum of environmental, occupational and public health topics. His expertise includes public health, preventive, environmental and occupational medicine, respiratory diseases, epidemiology, human health risk assessment and risk communication. Active research interests include: environmental health indicators and disease surveillance, childhood asthma, lead poisoning, reproductive and endocrine health hazards of sport fish consumption, arsenic in drinking water, chemical and nuclear terrorism, occupational and environmental respiratory disease, occupational fatalities and occupational injuries to youth. He was a founding member of the Agency for Toxic Substances and Disease Registry (ATSDR) Board of Scientific Councilors (1988-1992). He served on National Academy of Sciences/Institute of Medicine (NAS/IOM) committees that developed the reports "Injury in America" and "Nursing, Health & Environment." He was a member of the Armed Forces Epidemiology Board and is a past president of the Council of State and Territorial Epidemiologists. He served on the Centers for Disease Control and Prevention (CDC), National Center for Environmental Health, Director's Advisory Committee. He currently serves on the Presidential Advisory Board on Radiation Worker Compensation, the Hanford Human Health Effects Subcommittee, and the Rocky Flats Advisory Committee for the Beryllium Program. He is a fellow of the Collegium Ramazzini and the American Association for the Advancement of Science. He is associate editor of the American Journal of Industrial Medicine and serves on the editorial board of Cancer Prevention International. He receives grant support from the DHHS/Centers for Disease Control and Prevention, HUD, and the US EPA.

### Buck, Germaine

#### National Institutes of Health

Dr. Germaine M. Buck is currently the Chief of the Epidemiology Branch, Division of Epidemiology, Statistics & Prevention Research, National Institute of Child Health & Human Development, National Institutes of Health. Dr. Buck was formerly a professor for 13 years in the Department of Social & Preventive Medicine, University at Buffalo, prior to assuming her current position in 2000. She is an Adjunct Professor in the Schools of Public Health at the George Washington University, University of Buffalo (including the Roswell Park Cancer Division) and University of Albany. Dr. Buck earned a Master's and Doctoral Degree in Epidemiology from the University of Buffalo, State of New York. Dr. Buck's research interests primarily focus on the interplay between environmental exposures, behavior and human reproduction and development. She has conducted several studies focusing on environmental contaminants and sensitive reproductive and developmental outcomes. In addition, Dr. Buck engages in methodological research aimed at the assessment of mixtures and health outcomes, parental interactions of exposure, modeling dependent pregnancy outcomes, and use of technologies for field-based research. Dr. Buck has been an active member of several epidemiologic societies (SPER, SER, ISEE, ACE, AES) including her service as Secretary then President of the Society for Perinatal & Pediatric Research and Board Member of the American College of Epidemiology. She has served on a number of committees, panels and boards for The National Academies. Relevant current appointments include: Member of the Epidemiology Technical Implementation Panel, American Chemistry Council; Temporary Advisor, WHO/IPCS Environmental Health Criteria Document: Principles for Evaluating Health Risks in Children Associated with Exposure to Chemicals, World Health Organization; and the Center for the Evaluation of Risks to Human Reproduction, National Toxicology Program. Dr. Buck is an intramural scientist with the National Institute of Child Health & Human Development, which provides support for her research.

## Corcoran, George

### Wayne State University

Dr. George Corcoran is Chairman, Department of Pharmaceutical Sciences, and Professor of Pharmaceutical Sciences at the Eugene Applebaum College of Pharmacy and Health Sciences, Wayne State University in Detroit, MI. He is also Adjunct Professor of Pediatrics in the School of Medicine of Wayne State University. Dr. Corcoran earned his B.A. in Chemistry from Ithaca College (1970), M.S. in Chemistry from Bucknell University (1973), and Ph.D. in Pharmacology and Toxicology from George Washington University (1980), before completing Post-Doctoral training in Toxicology at Baylor College of Medicine and The Methodist Hospital (1981). Prior to his appointment at Wayne State University in 1996, Dr. Corcoran served as Assistant Professor of Pharmaceutics at the State University of New York at Buffalo, followed by 9 years at the University of New Mexico in Albuquerque, NM as Associate Professor and later Professor, and Director of the Toxicology Graduate Program. Throughout his professional career, Dr. Corcoran has been active in numerous professional societies, including as Secretary of the Society of Toxicology, Scientific Council Member and Chairman of the Division of Toxicology of the American Society for Pharmacology and Experimental Therapeutics, and Member of the Research and Graduate Affairs Committee of the American Association of Colleges of Pharmacy. He is also a member of the Michigan Society of Toxicology and the Michigan Pharmacists Association. In addition, Dr. Corcoran is currently Associate Editor of Toxicology and Applied Pharmacology and a member of the editorial board of Pharmacology and Toxicology, and he has served on the editorial boards of Toxicology Letters and the Journal of Toxicology and Environmental Health. He has been very active in the national peer review of research, as Member of the NIH Alcohol Toxicology-1 Study Section, Member or Chairman of several NIH Special Emphasis Panel Study Sections, and Member and later Chairman of the National Research Council Hughes Howard Pre-Doctoral Fellowship Panel in Neurology and Physiology. His research program, which focuses on mechanisms underlying cell death in the liver caused by drugs and environmental chemicals, has resulted in over 70 peer-reviewed and other publications. His work has been supported primarily by NIH, with small amounts of supplemental foundation and pharmaceutical industry funding.

## Cressie, Noel

### Ohio State University

Dr. Noel Cressie is Professor of Statistics and Director of the Program in Spatial Statistics and Environmental Sciences at The Ohio State University. Dr. Cressie received the Bachelor of Science degree with first class honours in Mathematics from the University of Western Australia. He received the M.A. and Ph.D. degrees in Statistics from Princeton University in 1973 and 1975, respectively. Between 1976 and 1983, he was Lecturer and Senior Lecturer at The Flinders University of South Australia. From 1983 to 1998, he was Professor of Statistics, and from 1993 to 1998, Distinguished Professor in Liberal Arts and Sciences at Iowa State University. Dr. Cressie is the author of around 200 refereed articles and of two books, the most recent being "Statistics for Spatial Data, rev. edn", published by John Wiley and Sons in 1993. His research interests are in the statistical modeling and analysis of spatial and spatio-temporal data, and in Bayesian and empirical Bayesian methods. He has applied this methodology to areas of "big science", such as remote sensing of the earth on a global scale, regional climate modeling in space and time, and real-time processing of multivariate, spatial, command-and-control data in a large battlespace. Recent grant support has come from US organizations such as the National Science Foundation, the Office of Naval Research, and the Environmental Protection Agency. Dr. Cressie is a Fellow of the American Statistical Association and The Institute of Mathematical Statistics, and he is an Elected Member of the International Statistical Institute. He was also awarded the American Statistical Association Section on Statistics and the Environment's Distinguished Service Award. Dr. Cressie serves as an Associate Editor for the Journal of the American Statistical Association, on the Editorial Advisory Board of Environmetrics, and as an editorial advisor to the Wiley Book Series in Probability and Statistics.

## Drinkwater, Norman

### University of Wisconsin Medical School

Dr. Norman Drinkwater is the Chair of the Department of Oncology at the University of Wisconsin Medical School. He is also the Director of the McArdle Laboratory for Cancer Research and Associate Director for Laboratory Programs of the University of Wisconsin Comprehensive Cancer Center. Dr. Drinkwater received his B.S. in Biochemistry from the University of Wisconsin in 1974 and a Ph.D. in Oncology from that institution in 1980. After postdoctoral training at Michigan State University, he joined the faculty of the Department of Oncology at the University of Wisconsin in 1982, becoming Professor and Chair of the department in 1992. Over the years, Dr. Drinkwater's research has focused on various aspects of chemical carcinogenesis, including the metabolic activation of carcinogens, molecular mechanisms of chemical mutagenesis, and, most recently, on the genetics of susceptibility to carcinogenesis. His support for this research has been derived entirely from the National Institutes of Health. Dr. Drinkwater has served on numerous review and advisory panels. Recent activities include membership on the Board of Scientific Counselors for the National Toxicology Program (1999-2002), the CE Study Section for NIH (1999-present; Chair, 2002-2004), the American Cancer Society Council on Extramural Grants (2001-present), and the External Advisory Boards for the M. D. Anderson Cancer Center (2000-present) and Oklahoma University Cancer Center (2001-present).

## Everitt, Jeffrey

### GlaxoSmithKline Pharmaceuticals

Dr. Jeffrey Everitt is the Director of Comparative Medicine & Investigator Support – U.S. in the Department of Laboratory Animal Sciences at GlaxoSmithKline Pharmaceutical R&D. He also serves on the adjunct faculty in the Department of Pathology and Laboratory Medicine at the UNC School of Medicine in Chapel Hill, N.C. and in the College of Veterinary Medicine at North Carolina State University in Raleigh, N.C.. Dr. Everitt received his D.V.M. from Cornell University (1977) and completed a residency in pathology at the University of Pennsylvania (1980). Prior to assuming his position at GlaxoSmithKline in 2002, Dr. Everitt spent over 17 years on the senior scientific staff of the CIIT Centers for Health Research (formerly the Chemical Industry Institute of Toxicology) where he led a multidisciplinary program that studied the health effects of inhaled particulate. Throughout his professional career, Dr. Everitt has been active in numerous professional societies, including service on the Executive Council of the Society of Toxicologic Pathology, and on the Council of the Inhalation Specialty Section and the Toxicologic and Exploratory Pathology Specialty Section of the Society of Toxicology. Dr. Everitt is a Diplomate of the American College of Veterinary Pathologists and a Diplomate of the American College Laboratory Animal Medicine. He has been a member of National Toxicology Program pathology working groups since 1985 and has served as a consultant in toxicologic pathology to numerous academic, industrial, and governmental organizations including NIH, USEPA, NIEHS, IARC, NTP, and ILSI. Dr. Everitt's research interests include experimental and toxicologic pathology of the lung and kidney, particle-induced lung disease, and the development of animal models of human disease.

## Gitterman, Benjamin

### Children's National Medical Center

Benjamin Gitterman, M.D is one of the co-directors of the Mid-Atlantic Center for Children's Health and the Environment, located at Children's National Medical Center and George Washington University in Washington D.C. He is finishing a term as co-chair of the Special Interest Group on Pediatric Environmental Health of the Ambulatory Pediatrics Association and is a member of the Governor's Advisory Council on Children's Environmental Health and Protection of the State of Maryland. He has been a member of the American Academy of Pediatrics Committee on Environmental Health and is a contributor to the upcoming second edition of the AAP Handbook on Children's Environmental Health (the "Green Book"). He is also active with the Children's Environmental Health Network and Physicians for Social Responsibility. He speaks regularly in local, regional and national forums regarding pediatric environmental health issues, particularly with regard to issues of advocacy and health care provider education and has been involved in the planning and implementation of numerous Train- the-Trainer seminars and workshops. Dr. Gitterman is Associate Professor of Pediatrics and Public Health at George Washington University. He is the director of a HRSA funded postgraduate training program for pediatricians in General Academic Pediatrics and Community Oriented Primary Care. He is a member of the executive committee of the District of Columbia chapter of the American Academy of Pediatrics. He has been the Chair of General and Community Pediatrics at Children's National Medical Center. In that capacity he was responsible for the planning and delivery of pediatric services in 7 sites in Washington D.C. providing 65,000 pediatric and adolescent visits annually. He is an active practicing pediatrician, as a clinical preceptor and direct care provider, working extensively with underserved children and their families.

## Green, Sidney

### Howard University

Dr. Green is an Associate Professor of Pharmacology at the Howard University College of Medicine in Washington D.C. He received his Ph.D. from Howard University in Pharmacology in 1972. He has held previous positions at Covance Laboratories, Inc, Vienna VA as Director of Toxicology, the Food and Drug Administration as Director Division of Toxicological Research, Associate Director for Laboratory Investigations, Chief Whole Animal Toxicology Branch, and Chief Genetic Toxicology Branch. He has also served as Chief of the Toxic Effects Branch in the old Office of Toxic Substances at the EPA. He has over seventy publications primarily in genetic toxicology, short-term test methodology and policy issues associated with alternatives to toxicological animal tests. He also has expertise in systemic toxicology related to food additives and contaminants. He has received the FDA Commissioner's Special Citation, two Group Recognition Awards and twice received the FDA Award of Merit once as a group award and singularly. It is the highest honor the agency can bestow on employees. He has served on numerous National Academy of Sciences review committees and currently is a member of the Committee on Toxicology. He is a past President of the American College of Toxicology, a Fellow of the Academy of Toxicological Sciences and a member of its Board of Directors, a member of the Society of Toxicology, Environmental Mutagen Society, Society for In Vitro Biology, Organization of Black Scientists and the Association of Government Toxicologists. He is a past Chairman of the Membership Committee and of the Council of the Society of Toxicology. He is on the editorial boards of the Journal of Applied Toxicology, Human and Ecological Risk Assessment, Human and Experimental Toxicology and the Journal of Toxicology-Cutaneous & Ocular Toxicology.

## Hattis, Dale

### Clark University

Dale Hattis is Research Professor with the Center for Technology Environment and Development (CENTED) of the George Perkins Marsh Institute at Clark University. For the past twenty-nine years he has been engaged in the development and application of methodology to assess the health, ecological and economic impacts of regulatory actions. His work has focused on the development of methodology to incorporate interindividual variability data and quantitative mechanistic information into risk assessments for both cancer and non-cancer endpoints. An important focus in recent years has been on age-related differences in pharmacokinetic processes and susceptibility for carcinogenesis. Specific quantitative risk assessment studies have included hearing disability in relation to noise exposure, renal effects of cadmium, reproductive effects of ethoxyethanol, neurological effects of methyl mercury and acrylamide, chronic lung function impairment from coal dust, four pharmacokinetic-based risk assessments for carcinogens (for perchloroethylene ethylene oxide butadiene and diesel particulates), an analysis of uncertainties in pharmacokinetic modeling for perchloroethylene and an analysis of differences among species in processes related to carcinogenesis. He has recently been reappointed as a member of the Environmental Health Committee of the EPA Science Advisory Board and for several years he has served as a member of the Food Quality Protection Act Science Review Board. In the recent past he has served as a member of the National Research Council Committee on Estimating the Health\_Risk\_Reduction Benefits of Proposed Air Pollution Regulations. Current major sources of research support include the Department of Energy and the U.S. Environmental Protection Agency. He has been a councilor and is a Fellow of the Society for Risk Analysis and serves on the editorial board of its journal Risk Analysis. He holds a Ph.D. in Genetics from Stanford University and a B.A. in biochemistry from the University of California at Berkeley.

## Kehrer, James

### University of Texas at Austin

Dr. James P. Kehrer is a Professor of Toxicology, and Head of the Division of Pharmacology and Toxicology in the College of Pharmacy at the University of Texas at Austin. Dr. Kehrer received his B.S. in pharmacy from Purdue University (1974) and his Ph.D. in pharmacology/toxicology from the University of Iowa College of Medicine (1978). He did postdoctoral work in toxicology in the Biology Division of Oak Ridge National Laboratory (1978-1980). Dr. Kehrer began his academic career at the University of Texas at Austin in 1980. During 1986 he took a 1 year Faculty Development Leave at the University of Düsseldorf where he returned in 1990 and 1997 for 2 month periods of research. Dr. Kehrer has been active in numerous professional societies, and is currently a member of the American Association for the Advancement of Science, American Association for Cancer Research, American Society for Pharmacology and Experimental Therapeutics, Society of Toxicology (where he served as President of the Mechanisms Specialty Section), Society for Free Radical Biology and Medicine, and the International Society for Free Radical Research. Dr. Kehrer received a Research Career Development Award from the National Heart, Lung and Blood Institute and the Achievement Award from the Society of Toxicology. He serves the Editor for the Americas and Japan for Toxicology Letters and currently serves as a Deputy Chairman for The Biochemical Journal. He also serves on the editorial board of Toxicology and Applied Pharmacology and Archives of Biochemistry and Biophysics. Other service has included the NIH Toxicology Study Section, and numerous NIH review panels. Dr. Kehrer maintains a large research program with numerous grants from the National Institutes of Health. He has over 125 publications, many in the areas of free radical toxicology, apoptosis, pulmonary fibrosis and cell signaling.

## Klaunig, James E.

### Indiana University

Dr. James E. Klaunig is Professor of Toxicology and Director of Toxicology in the Department of Pharmacology and Toxicology at Indiana University School of Medicine. He received his BS degree from Ursinus College in Collegeville Pa., an MA from Montclair State University, Montclair, NJ, and his PhD from the University of Maryland in Baltimore, MD. He is the recipient of numerous awards including Fellow of the Academy of Toxicological Sciences, the Otis R. Bowen, M.D. Distinguished Leadership Award, Indiana University School of Medicine and the Kenneth P. DuBois Award from the Midwest Society of Toxicology and the Sagamore of the Wabash from the Governor of Indiana. He serves as associate editor of Toxicological Sciences and on the editorial board of Toxicological Pathology. He is a Member of the NIH/NIEHS National Toxicology Program Board of Scientific Counselors. He also has served as President of the Carcinogenesis Specialty Section, President of the Ohio Valley Society of Toxicology, Member and Chair of the SOT Education Committee, and Member of the Finance and Program Committees of SOT. He is currently the Treasurer of the Society of Toxicology. He also serves the State of Indiana on the Indiana Pesticide review Board, the Governor's Council on Impaired and dangerous driving and on the Indiana Controlled Substances Advisory Board. He has trained over 50 graduate students and postdoctoral fellows. His research interests are dedicated to understanding the mechanisms of chemically induced carcinogenesis specifically the mode of action of nongenotoxic carcinogens, role of oxidative stress in carcinogenesis and cell injury, and understanding of the multistage nature of the cancer process.

## Luderer,Ulrike

University of California at Irvine

Dr. Ulrike Luderer is Assistant Professor of Medicine in the Division of Occupational and Environmental Medicine at the University of California at Irvine. She also holds joint appointments in the Departments of Developmental and Cell Biology and Environmental Toxicology. Dr. Luderer's research focuses on mechanisms of action of reproductive toxicants and on protective mechanisms against those toxicants. She is a recipient of a National Institute of Environmental Health Sciences research grant (2002-2007) entitled "Glutathione: Protecting Ovarian Follicles from Oxidant Injury" and a co-investigator on an EPA grant "Latent Effects of Gestational Exposure to Heptachlor". She has published peer-reviewed journal articles and book chapters and presented research at national and international scientific conferences on such topics as the effects of solvent exposure on reproductive endocrine function, the functions of and regulation of glutathione in the ovary, the differential regulation of follicle-stimulating hormone and luteinizing hormone secretion, and reviews of reproductive and developmental and endocrine toxicology. She has served on the National Toxicology Program/NIEHS Center for the Evaluation of Risks to Human Reproduction Expert Panel on 1- and 2-Bromopropane and on the National Research Council subcommittee on methyl bromide. She is currently a member of the EPA SAB's Environmental Health Committee. Dr. Luderer has a Ph.D. in reproductive endocrinology and M.D. from Northwestern University and is board-certified in Internal Medicine and in Occupational and Environmental Medicine. She has a Sc.B. in biomedical engineering from Brown University.

## Parkin,Rebecca Chair

The George Washington University

Rebecca T. Parkin is an Associate Research Professor in the Department of Environmental and Occupational Health with a joint appointment in the Department of Epidemiology and Biostatistics in the School of Public Health and Health Services at The George Washington University Medical Center. Also, she is the Scientific Director of the Center for Risk Science and Public Health at the University. Previously Dr. Parkin was director of Scientific, Professional and Section Affairs at the American Public Health Association; the assistant commissioner of the Division of Occupational and Environmental Health at the New Jersey Department of Health; and an environmental epidemiologist at the Centers for Disease Control. Her areas of expertise include environmental epidemiology, public health policy, vaccine risk/benefit communication, and environmental health risk assessment and communication. Recently her work has been supported by the U.S. Environmental Protection Agency; Cadmus the American Water Works Association Research Foundation; the U.S. Departments of Defense, Veterans Affairs, and Health and Human Services; Montgomery County (MD) Department of Health and Human Services; and the Association of Occupational and Environmental Clinics. She has been a member of the National Research Council's (NRC's) Water Science and Technology Board; and has served on committees of the NRC's Board of Environmental Science and Technology, the Institute of Medicine, U.S. Environmental Protection Agency, Dept. of Health and Human Services, and Agency for Toxic Substances and Disease Registry. Additionally, she has represented U.S. public health scientists through invitation to speak at international forums and workshops hosted by the National Academy of Sciences, and professional societies and institutions. Throughout her career, she has served as a site visitor for the Council on Education for Public Health, and as a peer reviewer for several professional journals focused on environmental health. Dr. Parkin received her A.B. in sociology from Cornell University; M.P.H. in environmental health and Ph.D. in epidemiology from Yale University; and Certificate in Science, Technology, and Policy from Princeton University. She has been honored by Yale University as a Distinguished Alumna for her extensive public service (12/2003).

## Schnatter,Robert

Dr. Robert Schnatter is the Senior Scientific Advisor at ExxonMobil Biomedical Sciences, Inc. (EMBSI) in Annandale, NJ. He is also a Senior Researcher at the Joint Sino-US Clinical and Molecular Laboratory at Fudan University in Shanghai, China. Dr. Schnatter received his B.S. in Biology from Rutgers University (1977), his M.S. in Biostatistics from the University of Pittsburgh (1979), his M.S. in Operations Research from Florida Institute of Technology (1980), and his Dr.PH in Epidemiology at Columbia University (1990). Prior to coming to EMBSI in 1987, Dr. Schnatter was the Corporate Biostatistician at Union Carbide Corporation since 1980, and worked for the National Center for Health Statistics in 1979. Dr. Schnatter's interests are in occupational health surveillance systems, retrospective exposure assessment, health effects of benzene and other hydrocarbons, genetic determinants of disease, and the use of epidemiologic data in risk assessments. He has been active in numerous professional societies, including the Society for Epidemiologic Research, the American College of Epidemiology (ACE), the American Industrial Hygiene Association, and the Society for Risk Analysis. He was chairman of the American Industrial Health Council's Epidemiology sub-committee from 1994 through 1997. He has published several articles on benzene health effects from a risk assessment perspective including industry's comprehensive benzene risk assessment under the EU's existing substances directive. He also serves as a reviewer for several scientific journals. He has served as a member of several advisory panels including the World Health Organization, the EPA, and the International Programme for Chemical Safety (IPCS) on benzene. He has organized or chaired symposia for ACE, SRA, and ECETOC on the use of human epidemiological data in risk assessment. More recently, Dr. Schnatter receives funding from the University of Colorado's Health Sciences Center (UCHSC) to participate in a five year study in Shanghai, China on molecular epidemiology studies of benzene workers. Besides his annual salary from EMBSI, (part of which is covered by the UCHSC), Dr. Schnatter also has received small stipends from the Agency for Toxic Substances and Disease Registries for participating in expert panels and study reviews.

## Sweeney, Anne

Texas A&M University

Dr. Anne Sweeney is an Associate Professor of Epidemiology at the Texas A&M University System School of Rural Public Health in Bryan, Texas. She received a B.S. degree in Nutrition and Dietetics in 1975 from Marywood College. She earned both her MPH and Ph.D. degrees in Epidemiology from the University of Pittsburgh, Graduate School of Public Health in 1988 and 1991, respectively. Dr. Sweeney served as a member of the Institute of Medicine's Gulf War and Health Study Committee, on the expert panel assessing the health effects of pesticides. She is also a member of the Fertility and Early Pregnancy Committee, assigned to the National Longitudinal Cohort Study Planning Committee, sponsored by the National Institute of Child Health and Human Development, the National Institute for Environmental Health Sciences, the Centers for Disease Control and Prevention, and the U.S. EPA. Her research interests include environmental and occupational exposures to toxic agents and the relation to adverse reproductive effects, particularly infertility, early pregnancy loss, and congenital anomalies. Dr. Sweeney has had extensive experience conducting large population-based studies of cohorts exposed to endocrine active compounds, including PCBs, PBBs, dioxin, and phthalates, and their effects on pregnancy outcome. She is currently the Principal Investigator on a project under the FRIENDS Children's Environmental Health Center, awarded to the University of Illinois at Urbana-Champaign, by the National Institute for Environmental Health Sciences and the U.S. EPA, as well as a project to assess PCBs and OCs and fecundity and fertility, awarded by the National Institute for Child Health and Human Development.